

Converting Colors

Hex(21426C)

Have a look what the booklet for
Hex(21426C) contains.

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Color

Hex(21426C)

Conversions

Conversions Part 1

Format	Color
Hex	21426C
RGB	33, 66, 108
RGB Percent	13%, 26%, 42%
CMY	0.8706, 0.7412, 0.5765
CMYK	0.69, 0.39, 0.00, 0.58
HSL	214°, 53%, 28%
HSV	214°, 69%, 42%
XYZ	5.2822, 5.3025, 14.9324
YIQ	60.9210, -33.1500, 6.0660

Conversions

Conversions Part 2

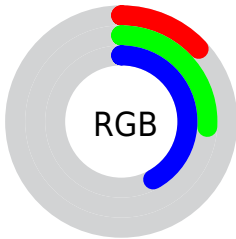
Format	Color
R_{YB}	33, 56, 108
Decimal	2179692
CIE Lab	27.58, 2.96, -28.00
CIE LCh	28, 28.157, 276.042
Yxy	5.3025, 0.2070, 0.2078
Android (android.graphics.Color)	4280369772 (0xFF21426C)
YUV	60.9210, 23.2099, -24.4867
Hunter-Lab	23.0271, 0.6487, -22.3290

Details

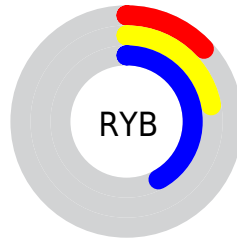
The Hex color **21426C** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **6C4B21**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **5672A0**, and **00183C** is the 20% darker color. If you saturate the color by 10%, you get **163C6C**, and if you desaturate by 10%, it is **2C486C**.

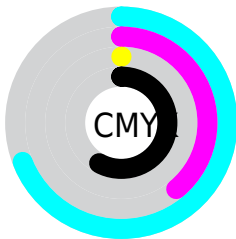
Distribution



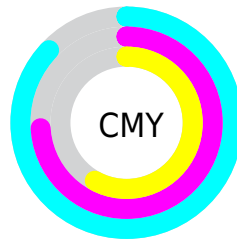
- Red (13%)
- Green (26%)
- Blue (42%)



- Red (13%)
- Yellow (22%)
- Blue (42%)



- Cyan (69%)
- Magenta (39%)
- Yellow (0%)
- Black (58%)



- Cyan (87%)
- Magenta (74%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21426C changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 21426C by changing the saturation by 10% instead.

■ 21426C

■ 21426C

FFFFFF

■ 002C54

■ 5672A0

■ 00183C

■ 718BBB

■ 000326

■ 8BA5D7

■ 00010F

■ A7C0F3

■ 000000

■ C3DCFF

■ DFF9FF

■ FCFEFC

■ 21426C

■ 21426C

■ 163C6C

■ 2C486C

■ 0B366C

■ 374E6C

■ 01306C

■ 41546C

■ 00306C

■ 4C5A6C

■ 57606C

■ 62666C

■ 6D6C6C

■ 77726C

■ 82786C

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



004868



21426C



483A64

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



21426C



673229



124B2F

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



21426C



6C4B21

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



33471D



21426C



5B3A19

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



21426C



692E3E



494114



004C45

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



21426C



59345A



494114



1F4A28

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



21426C



6F7C8C



216C4A



363D47



C7C7C7



474747

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



21426C



184B8C



25216C



303336



003475



006CF5

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



6C2142



8C184B



686C21



363033



750034



F5006C

Previews

White Background



This preview shows how the Hex color 21426C looks on a white background.

Color Contrast Check

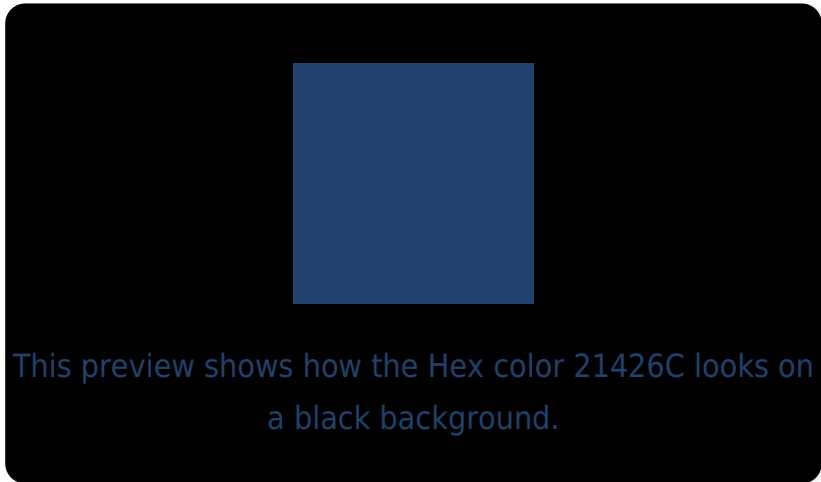
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

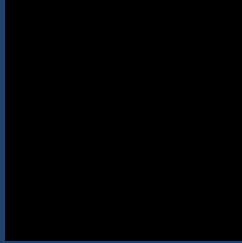
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 21426C Background



This preview shows how black text looks on a background with the Hex color 21426C.



This preview shows how white text looks on a background with the Hex color 21426C.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
21426C

Protanopia
30406A

Deuteranopia
24416C



Tritanopia
00484E

Trichromacy



Original Color
21426C

Protanomaly
2B416B

Deuteranomaly
23416C

Tritanomaly
0C4659

Monochromacy



Original Color
21426C

Achromatopsia
3D3D3D

Achromatomaly
333F4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 21426C is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #21426C looks like.

```
.text, #text, p{  
    color:#21426C  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #21426C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21426C
}
```

Border

The CSS property to change the border of an element to Hex 21426C is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

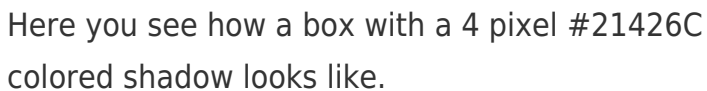
```
.border, #border, table{ border:4px solid
#21426C }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#21426C }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #21426C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21426C; -webkit-box-shadow:4px 4px  
4px 4px #21426C; box-shadow:4px 4px 4px  
4px #21426C }
```

Background

The CSS property to change the background color of an element to Hex 21426C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21426C }
```

If only the background color should be changed can be used:

```
.background{ background-color:#21426C }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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